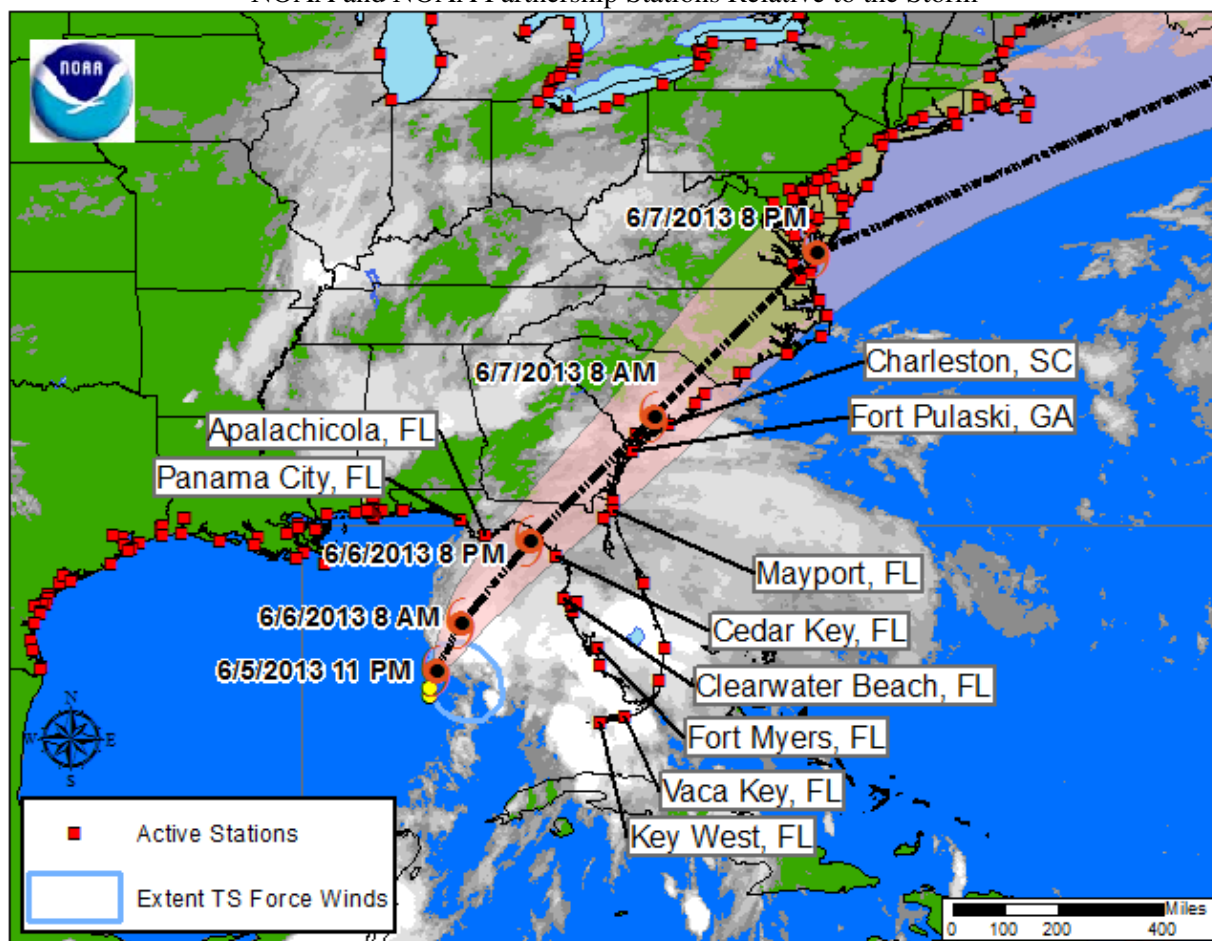




Tropical Storm ANDREA QuickLook
Posted: 23:00 CDT 06/05/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/05/2013 23:00 CDT, water levels across the Gulf Coast of Florida and along the East Coast from northern Florida to South Carolina are at or near predicted tide levels. Stations along the Florida Panhandle have been and continue to be elevated by up to 0.5 feet for the past several weeks. Winds are light and steady across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tides are 1.8 ft (0.55 m) at 06/06/2013 08:55 EDT and 1.0 ft (0.31 m) at 06/06/2013 22:24 EDT.

Vaca Key, FL: Next predicted high tides are 0.4 ft (0.13 m) at 06/06/2013 02:44 EDT and 0.7 ft (0.22 m) at

Tropical Storm ANDREA QuickLook, POSTED 23:00 CDT 06/05/2013

06/06/2013 11:44 EDT.

Fort Myers, FL: Next predicted high tides are 0.7 ft (0.23 m) at 06/06/2013 03:56 EDT and 1.4 ft (0.44 m) at 06/06/2013 14:50 EDT.

Clearwater Beach, FL: Next predicted high tides are 2.9 ft (0.89 m) at 06/06/2013 10:25 EDT and 1.9 ft (0.58 m) at 06/07/2013 00:35 EDT.

Cedar Key, FL: Next predicted high tides are 3.2 ft (0.97 m) at 06/06/2013 01:38 EDT and 4.1 ft (1.26 m) at 06/06/2013 12:45 EDT.

Apalachicola, FL: Next predicted high tides are 1.3 ft (0.41 m) at 06/06/2013 05:22 EDT and 1.6 ft (0.51 m) at 06/06/2013 13:50 EDT.

Panama City, FL: Next predicted high tides are 1.5 ft (0.46 m) at 06/06/2013 08:50 CDT and 1.6 ft (0.48 m) at 06/07/2013 09:25 CDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.1 ft (1.25 m) at 06/06/2013 07:55 EDT and 5.0 ft (1.53 m) at 06/06/2013 20:21 EDT.

Fort Pulaski, GA: Next predicted high tides are 6.4 ft (1.96 m) at 06/06/2013 07:13 EDT and 7.7 ft (2.36 m) at 06/06/2013 19:32 EDT.

Charleston, SC: Next predicted high tides are 4.8 ft (1.47 m) at 06/06/2013 07:03 EDT and 5.9 ft (1.82 m) at 06/06/2013 19:28 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ANDREA ADVISORY NUMBER 2
1000 PM CDT WED JUN 05 2013

...HEAVY RAIN OCCURRING ALONG THE WEST COAST OF FLORIDA AS ANDREA MOVES
NORTHWARD...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* THE WEST COAST OF FLORIDA FROM BOCA GRANDE TO OCHLOCKNEE RIVER

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* FLAGLER BEACH FLORIDA TO SURF CITY NORTH CAROLINA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1000 PM CDT THE CENTER OF TROPICAL STORM ANDREA WAS LOCATED ABOUT 270 MI WSW OF TAMPA FLORIDA OR ABOUT 270 MI SSW OF APALACHICOLA FLORIDA. ANDREA IS MOVING TOWARD THE NORTH NEAR 6 MPH. A TURN TOWARD THE NORTHEAST AND AN INCREASE IN FORWARD SPEED ARE EXPECTED OVERNIGHT AND THURSDAY...FOLLOWED BY A FURTHER INCREASE IN FORWARD SPEED THURSDAY NIGHT AND FRIDAY. ON THE FORECAST TRACK...THE CENTER OF ANDREA WILL REACH THE COAST OF THE FLORIDA BIG BEND AREA THURSDAY EVENING AND THEN MOVE FROM SOUTHEASTERN GEORGIA ACROSS SOUTHEASTERN SOUTH CAROLINA AND EASTERN NORTH CAROLINA THURSDAY NIGHT AND FRIDAY.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 40 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES FROM THE CENTER. NOAA BUOY 42003 RECENTLY REPORTED A WIND GUST OF 42 MPH.

THE ESTIMATED MINIMUM CENTRAL PRESSURE...BASED ON DATA FROM NOAA BUOY 42003...IS 1002 MB.

HAZARDS AFFECTING LAND

STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

TAMPA BAY NORTHWARD TO APALACHICOLA...2 TO 4 FT
FLORIDA WEST COAST SOUTH OF TAMPA BAY...1 TO 2 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST NEAR AND TO THE SOUTH OF THE LANDFALL LOCATION. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS

ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES OVER MUCH OF THE FLORIDA PENINSULA...EASTERN PARTS OF THE FLORIDA PANHANDLE...AND SOUTHEASTERN GEORGIA...WITH ISOLATED MAXIMUM AMOUNTS OF 8 INCHES POSSIBLE. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE ALSO EXPECTED OVER EASTERN SOUTH CAROLINA AND EASTERN NORTH CAROLINA.

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST WITHIN THE WARNING AREA BY THURSDAY AFTERNOON...MAKING OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREA THURSDAY NIGHT AND FRIDAY.

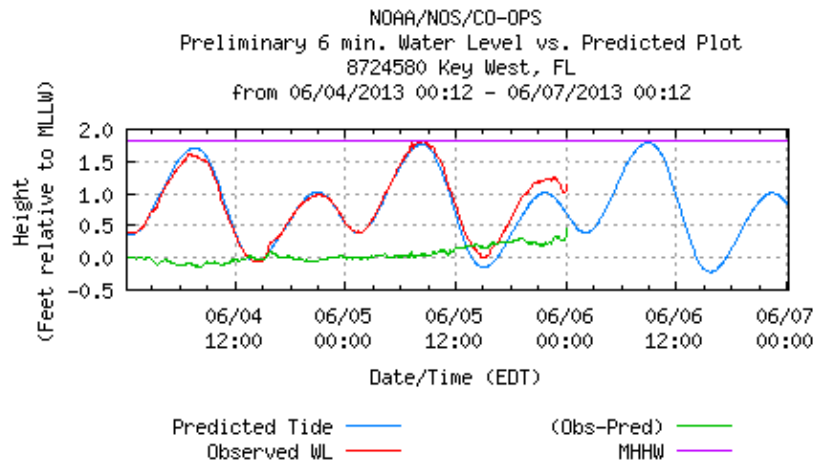
TORNADOES...A FEW TORNADOES ARE POSSIBLE OVER THE FLORIDA PENINSULA TONIGHT THROUGH THURSDAY...WITH THE GREATEST POTENTIAL EXPECTED ON THURSDAY.

FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Barometric](#), [Apalachicola - Winds](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#)

[Key West, FL - Return to List](#)

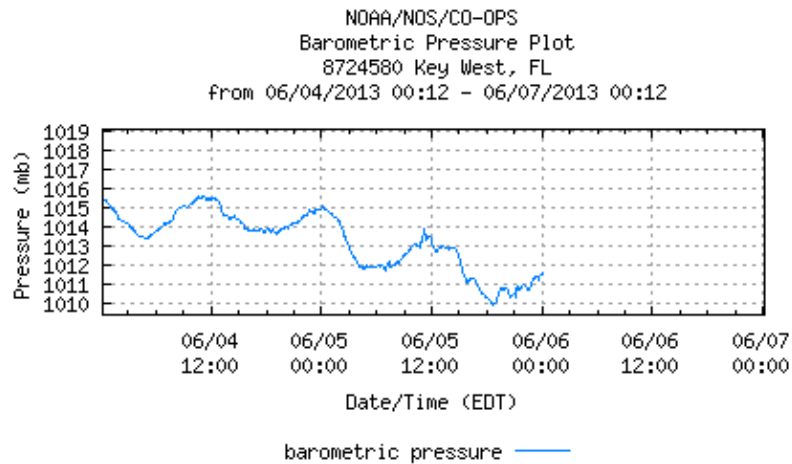


Last Observed Sample: 06/06/2013 00:06 (EDT)

Relative to MLLW: **Observed: 1.14 ft. Predicted: 0.68 ft. Residual: 0.46 ft.**

Historical Maximum Water Level: Oct 24 2005, 4.94 ft. above MLLW

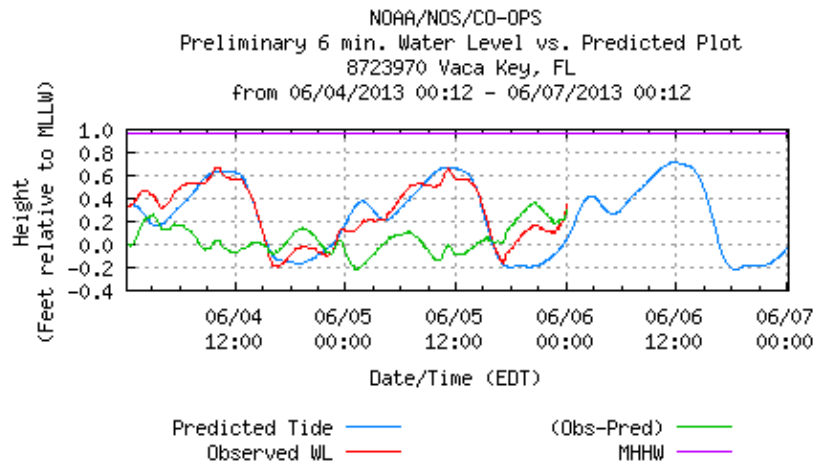
[Key West, FL - Return to List](#)



Last Observed Sample: 06/06/2013 00:06 (EDT)

Barometric Pressure: 1011.6 mb

Vaca Key, FL - Return to List

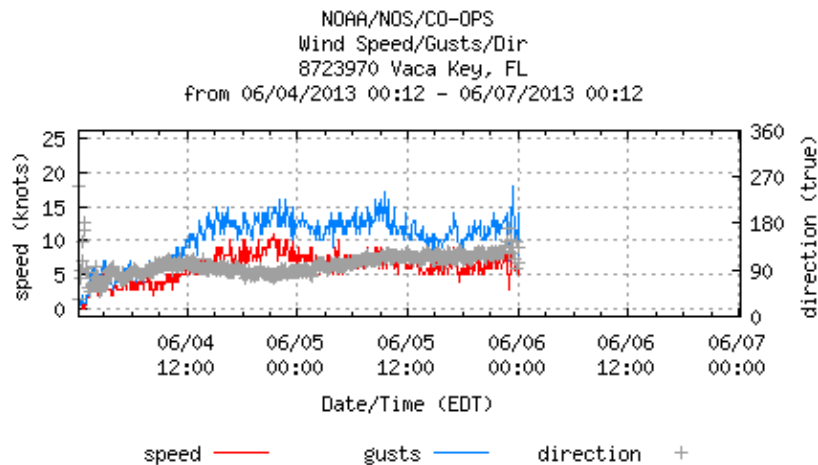


Last Observed Sample: 06/06/2013 00:06 (EDT)

Relative to MLLW: **Observed: 0.35 ft.** **Predicted: 0.05 ft.** **Residual: 0.30 ft.**

Historical Maximum Water Level: Oct 24 2005, 6.77 ft. above MLLW

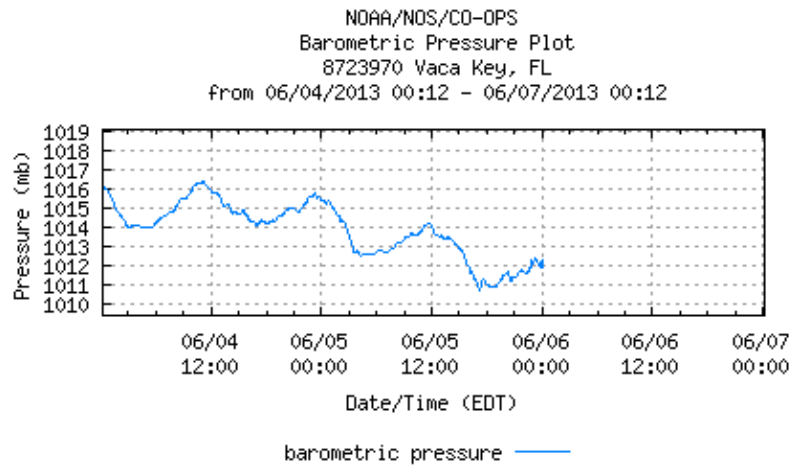
Vaca Key, FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Wind Speed: 5 knots **Gusts: 8 knots** **Direction: 103° T**

Vaca Key, FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Barometric Pressure: 1011.9 mb

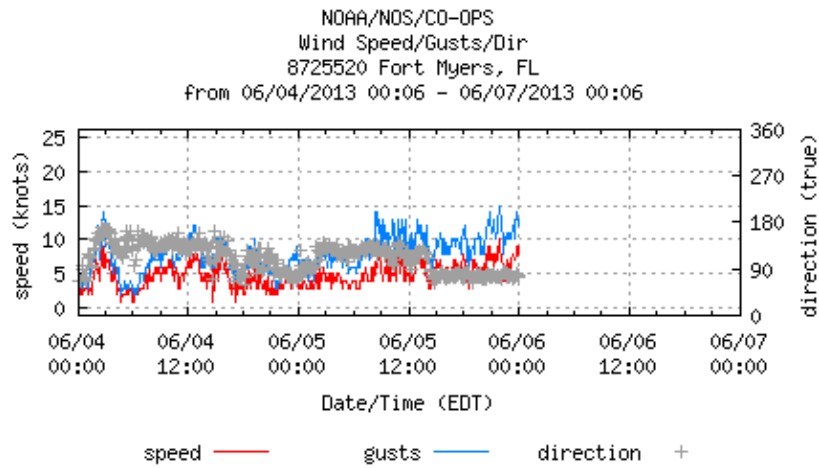
Fort Myers, FL - Return to List

Last Observed Sample: 06/06/2013 00:06 (EDT)

Relative to MLLW: **Observed: 0.23 ft.** **Predicted: 0.16 ft.** **Residual: 0.07 ft.**

Historical Maximum Water Level: Nov 23 1988, 4.72 ft. above MLLW

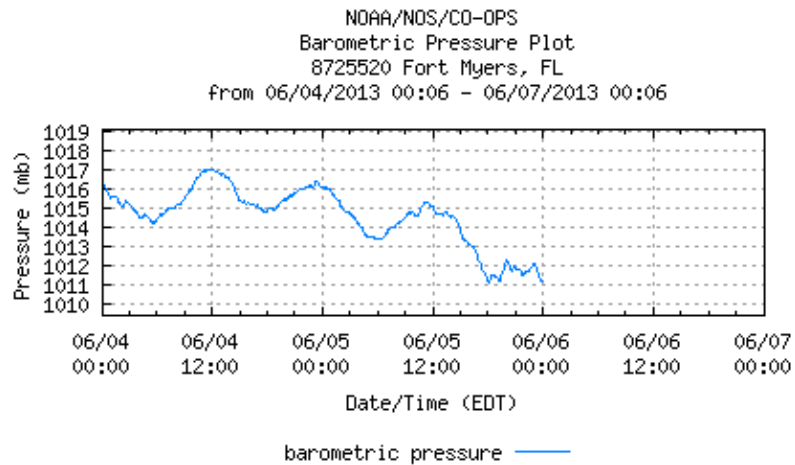
Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Wind Speed: 5 knots Gusts: 9 knots Direction: 85° T

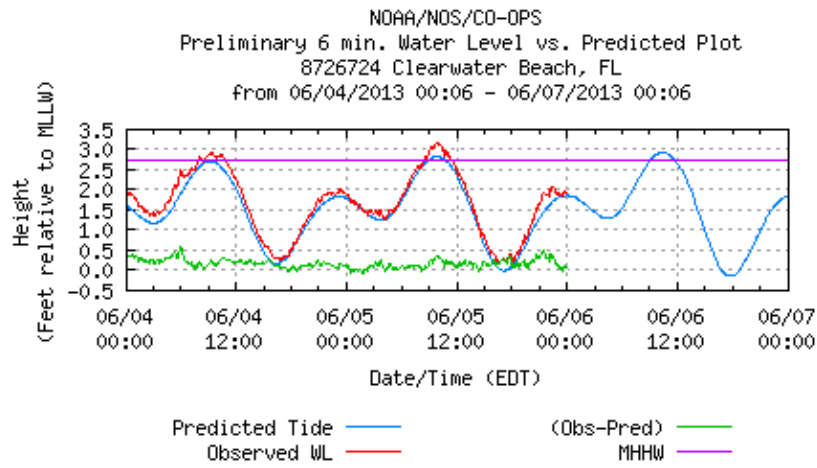
Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Barometric Pressure: 1011.2 mb

Clearwater Beach, FL - Return to List

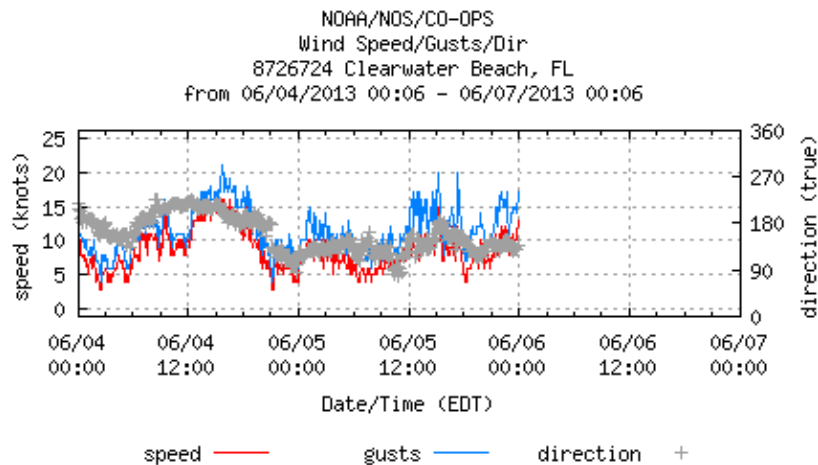


Last Observed Sample: 06/06/2013 00:00 (EDT)

Relative to MLLW: **Observed: 1.94 ft.** **Predicted: 1.86 ft.** **Residual: 0.08 ft.**

Historical Maximum Water Level: Mar 13 1993, 6.76 ft. above MLLW

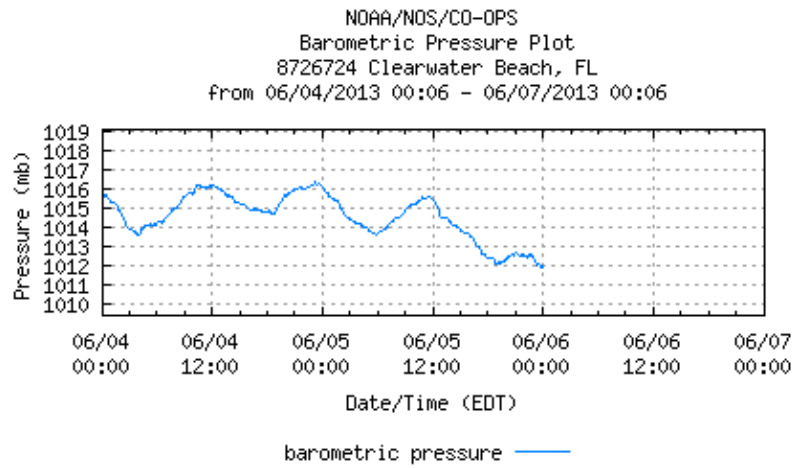
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Wind Speed: 11 knots **Gusts: 16 knots** **Direction: 142° T**

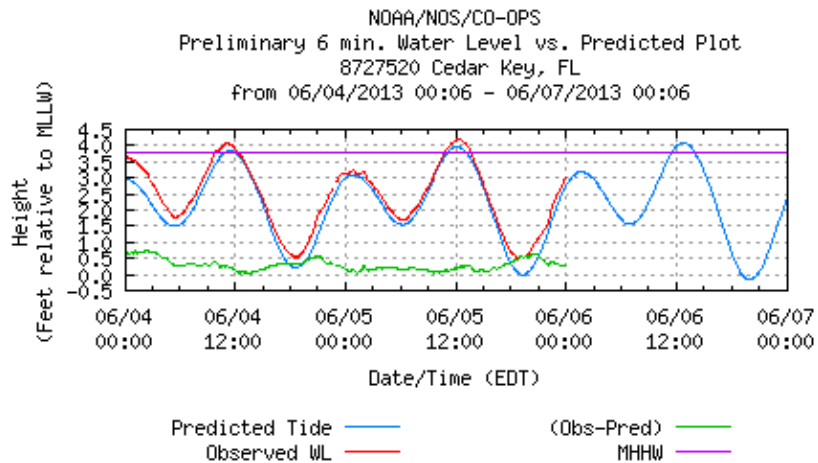
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Barometric Pressure: 1012.0 mb

Cedar Key, FL - Return to List

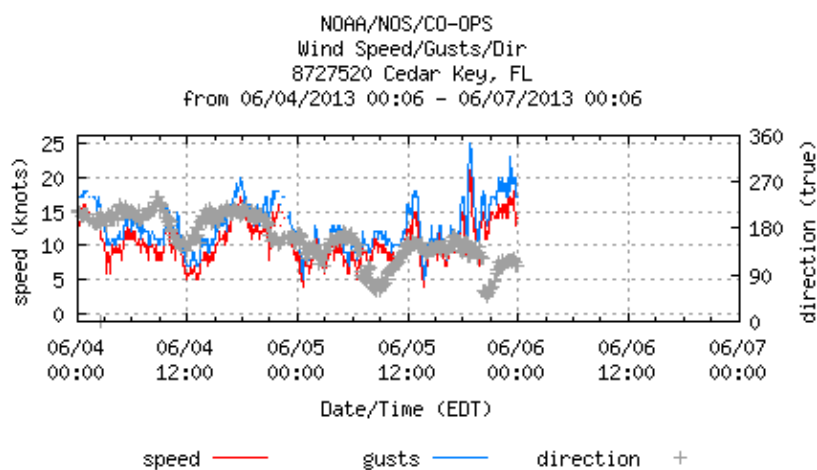


Last Observed Sample: 06/06/2013 00:00 (EDT)

Relative to MLLW: **Observed: 3.03 ft.** **Predicted: 2.76 ft.** **Residual: 0.27 ft.**

Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW

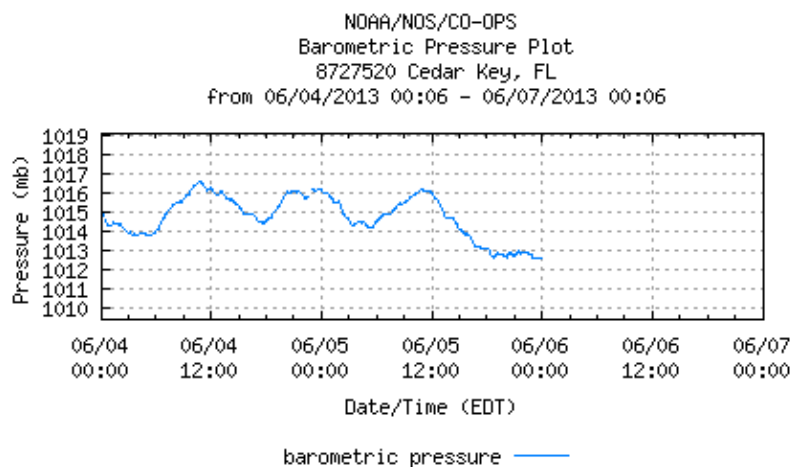
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 102° T

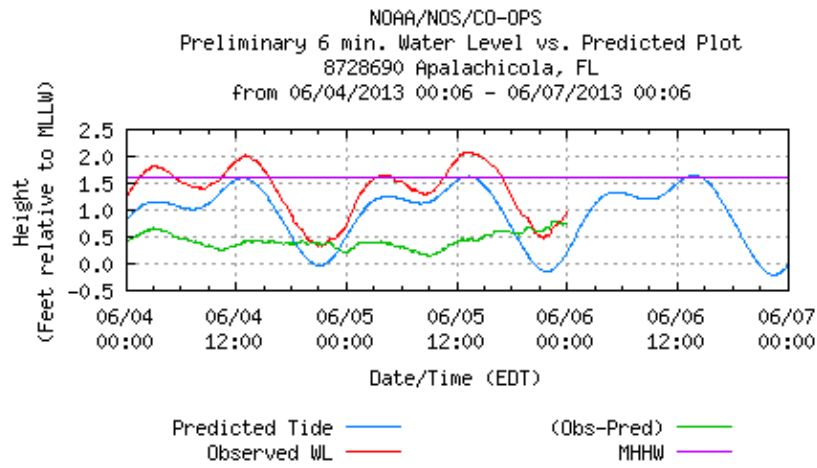
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Barometric Pressure: 1012.6 mb

[Apalachicola, FL - Return to List](#)

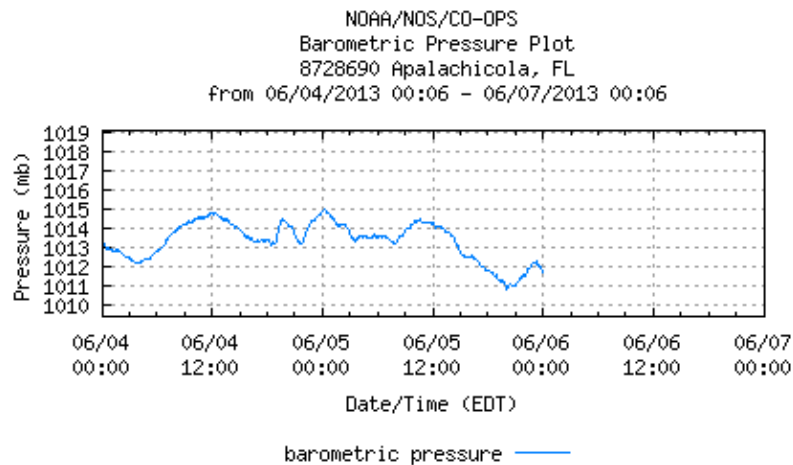


Last Observed Sample: 06/06/2013 00:06 (EDT)

Relative to MLLW: **Observed: 1.00 ft.** **Predicted: 0.24 ft.** **Residual: 0.76 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

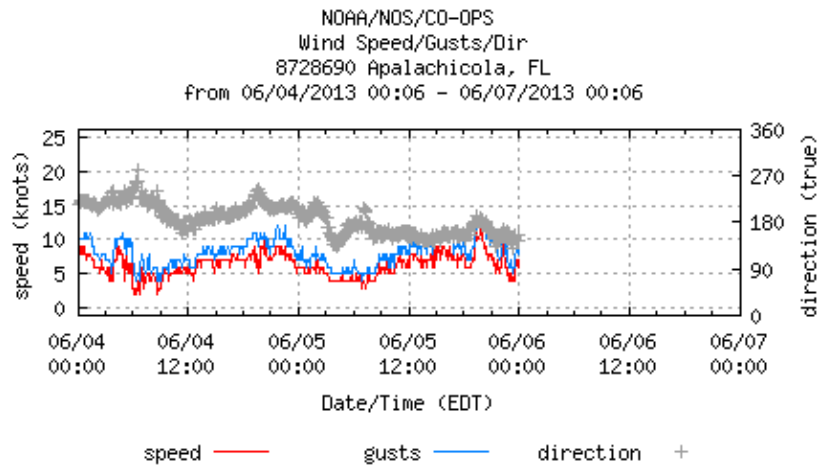
[Apalachicola, FL - Return to List](#)



Last Observed Sample: 06/06/2013 00:06 (EDT)

Barometric Pressure: 1011.7 mb

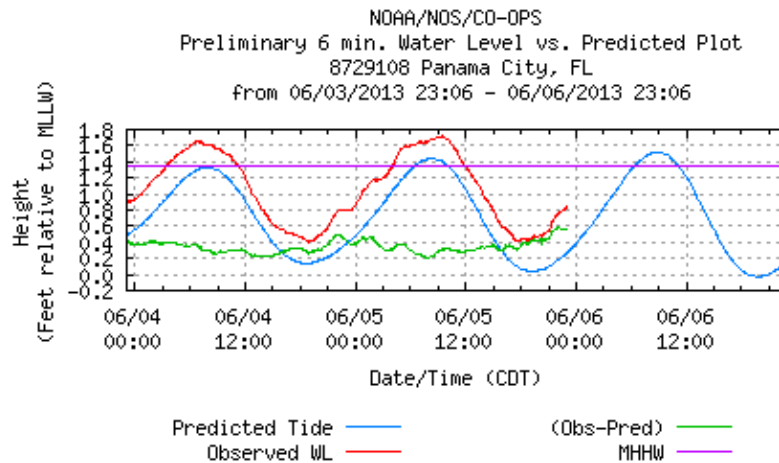
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Wind Speed: 7 knots Gusts: 8 knots Direction: 157° T

Panama City, FL - Return to List

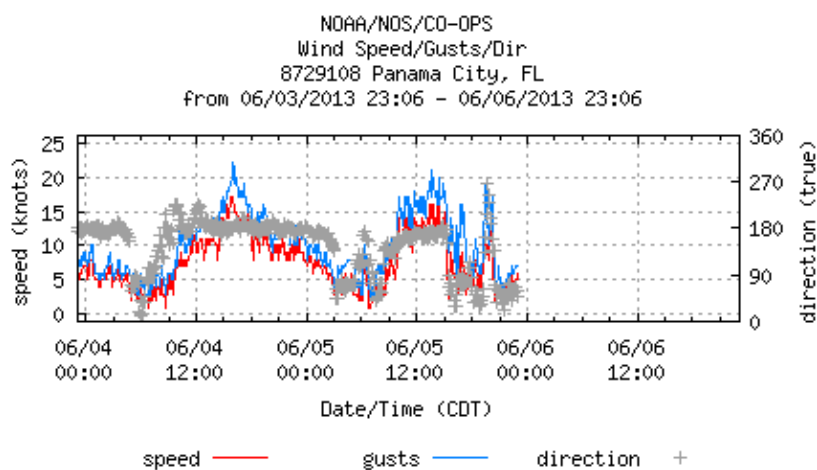


Last Observed Sample: 06/05/2013 23:06 (CDT)

Relative to MLLW: Observed: 0.85 ft. Predicted: 0.28 ft. Residual: 0.57 ft.

Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

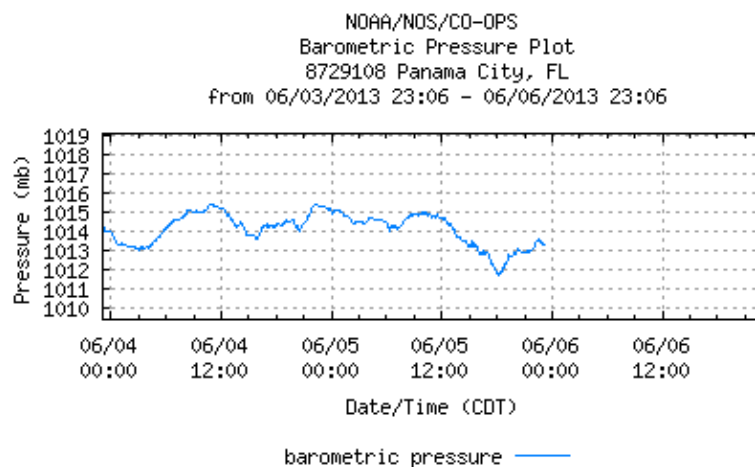
Panama City, FL - Return to List



Last Observed Sample: 06/05/2013 23:06 (CDT)

Wind Speed: 4 knots Gusts: 8 knots Direction: 66° T

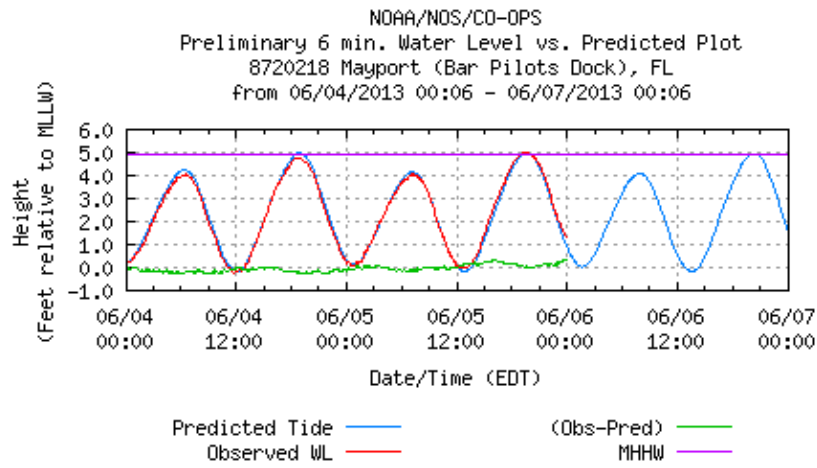
Panama City, FL - Return to List



Last Observed Sample: 06/05/2013 23:06 (CDT)

Barometric Pressure: 1013.3 mb

Mayport (Bar Pilots Dock), FL - Return to List

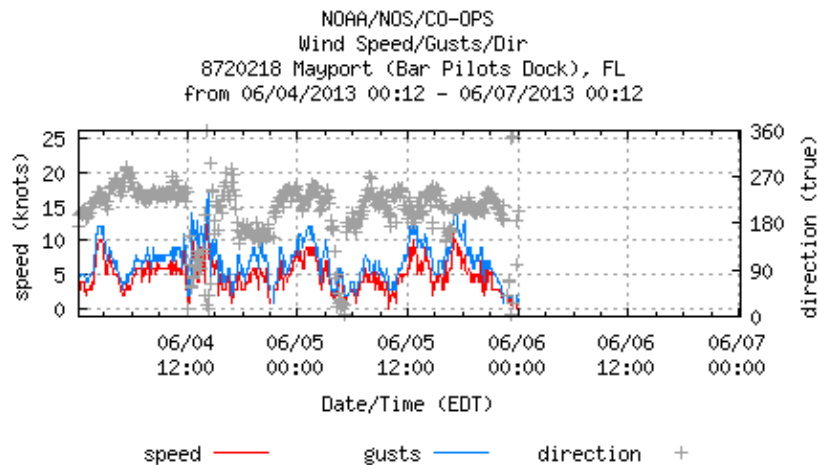


Last Observed Sample: 06/06/2013 00:06 (EDT)

Relative to MLLW: **Observed: 1.28 ft.** **Predicted: 0.89 ft.** **Residual: 0.39 ft.**

Historical Maximum Water Level: Sep 27 2004, 7.42 ft. above MLLW

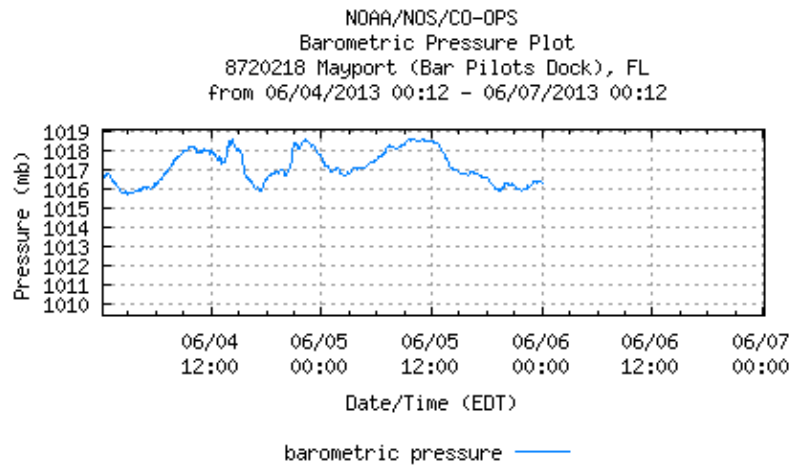
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Wind Speed: 1 knots **Gusts: 1 knots** **Direction: 205° T**

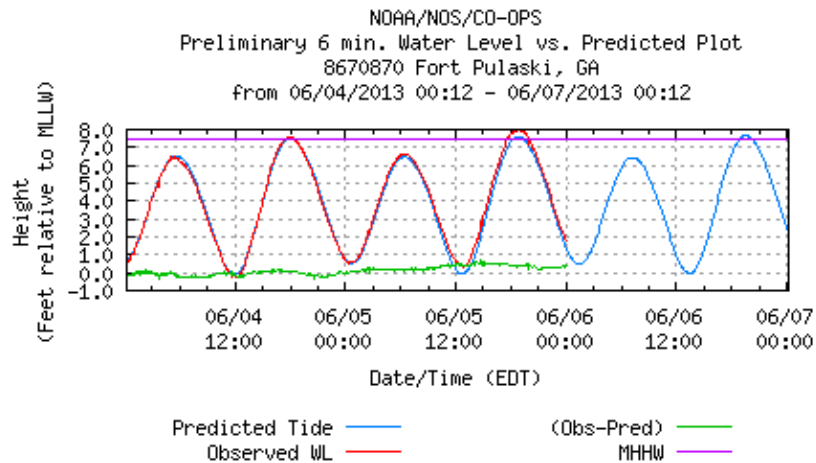
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/06/2013 00:06 (EDT)

Barometric Pressure: 1016.3 mb

Fort Pulaski, GA - Return to List

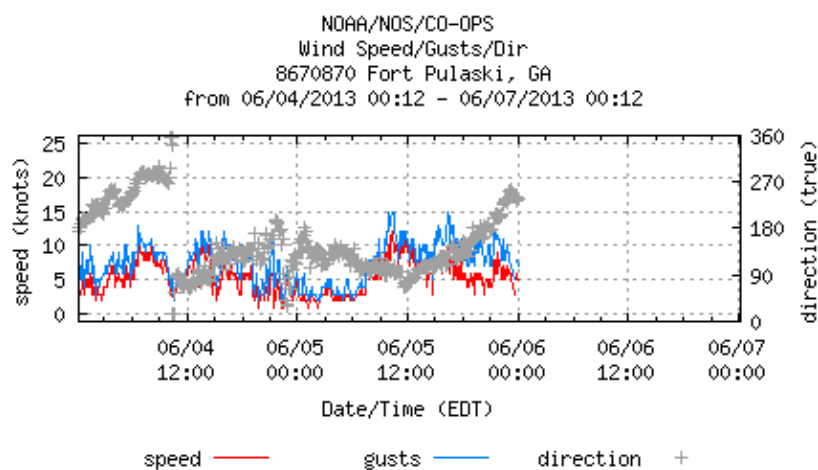


Last Observed Sample: 06/06/2013 00:00 (EDT)

Relative to MLLW: **Observed: 1.78 ft.** **Predicted: 1.39 ft.** **Residual: 0.39 ft.**

Historical Maximum Water Level: Oct 15 1947, 10.90 ft. above MLLW

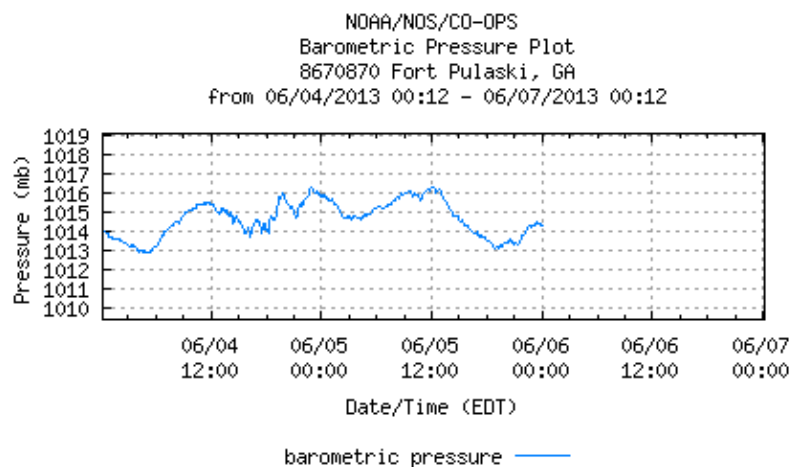
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 236° T

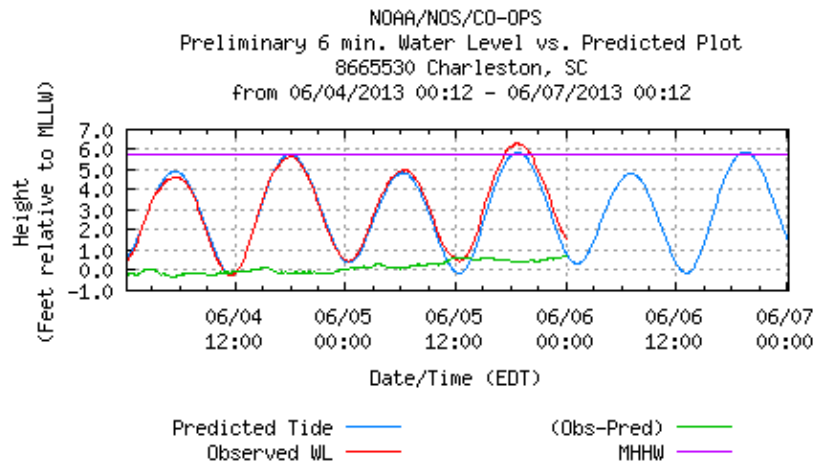
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Barometric Pressure: 1014.3 mb

Charleston, SC - Return to List

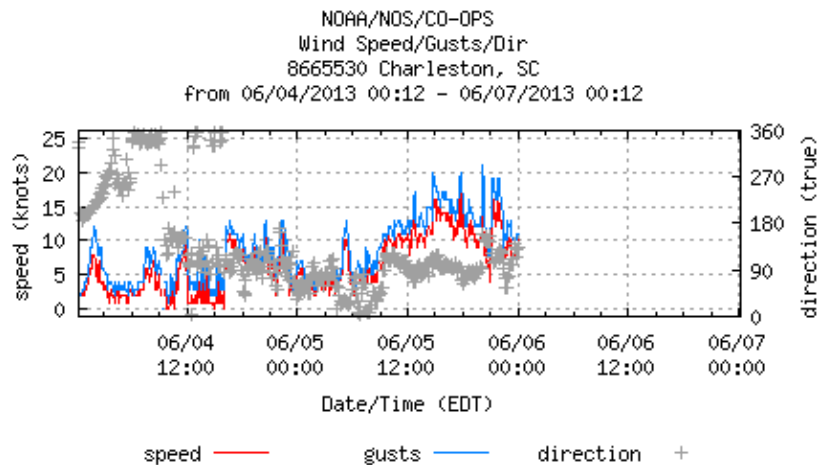


Last Observed Sample: 06/06/2013 00:00 (EDT)

Relative to MLLW: **Observed: 1.59 ft.** **Predicted: 0.86 ft.** **Residual: 0.73 ft.**

Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

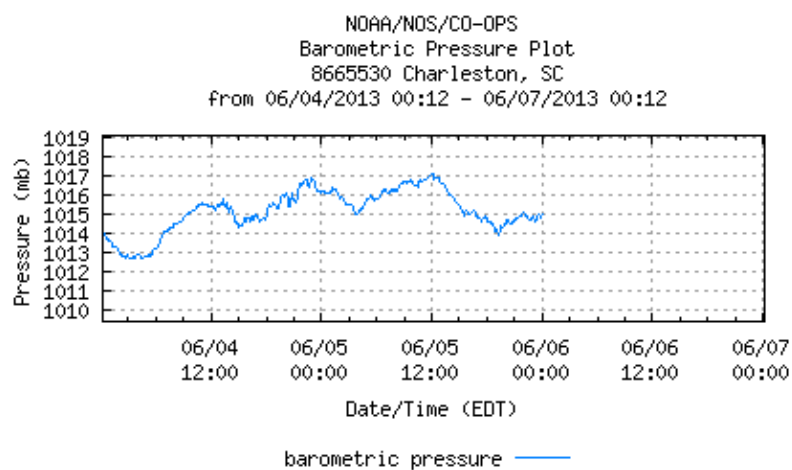
Charleston, SC - Return to List



Last Observed Sample: 06/06/2013 00:00 (EDT)

Wind Speed: 10 knots **Gusts: 11 knots** **Direction: 134° T**

[Charleston, SC - Return to List](#)



Last Observed Sample: 06/06/2013 00:00 (EDT)

[Barometric Pressure: 1015.0 mb](#)

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce